

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

DPM 61100



## BRAY OIL COMPANY, INC.

Corporate and Sales Offices  
Have Moved to  
2698 White Road  
Irvine, California 92714  
Phone (714) 850-1151

MANUFACTURER

BRAY OIL

ADDRESS  
9550 F.

SYNONYMS

Fire Resistant

CHEMICAL FAMILY

Synthetic Hydrocarbon Base

## SECTION I

EMERGENCY TELEPHONE NO.

(213) 575-1212

TE, CA 91731

Brayco Micron 882

TRADE NAME AND SYNONYMS

FORMULA

MXE 75-8, MIL-H -83282A

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Non-hazardous as defined by U.S. Department of Labor 29CFR, Section 1915.2.					

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	>500°F	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	0.850
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	N/A
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____=1)	N/A
SOLUBILITY IN WATER	Slight		
APPEARANCE AND ODOR Bright Red Oily Liquid, Petroleum odor			

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	430° F	FLAMMABLE LIMITS	Not determined	Lel	Uel
ASTM D92 (COC)					
EXTINGUISHING MEDIA Dry Chemical, Carbon Dioxide, Foam, Water Fog					
SPECIAL FIRE FIGHTING PROCEDURES Do not use water except as fog, or spray to cool containers or tanks to avoid heating above flash point:					
UNUSUAL FIRE AND EXPLOSION HAZARDS Self-contained respiratory equipment when fire fighting in confined area.					

## SECTION V - HEALTH HAZARD DATA

### THRESHOLD LIMIT VALUE

Not determined. Use 5 mg of oil mist in cubic meter of air.

### EFFECTS OF OVEREXPOSURE

Not expected to cause any ill effect except possibly in very sensitive individuals.

May cause eye irritation. Avoid contact with eyes.

### EMERGENCY AND FIRST AID PROCEDURES

Eye contact - flush thoroughly with water. Call physician.

Skin contact - wash with soap and water.

Ingestion - do not induce vomiting. Call physician.

## SECTION VI - REACTIVITY DATA

### STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

### INCOMPATIBILITY (Materials to avoid)

Avoid strong oxidizing agents.

### HAZARDOUS DECOMPOSITION PRODUCTS

Combustion may produce carbon monoxide and asphyxiants.

### HAZARDOUS POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

## SECTION VII - SPILL OR LEAK PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Stop flow and shut off sources of ignition. Wipe or mop up, or absorb with clay, diatomaceous earth, or other inert material. Store in closed metal containers.

### WASTE DISPOSAL METHOD

Controlled incineration or method in compliance with local, state, or federal regulations regarding health, air and water pollution.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

### RESPIRATORY PROTECTION (Specify type)

None normally required except if oil mist exceeds TLV

### VENTILATION

#### LOCAL EXHAUST

Only if oil mist exceeds TLV

SPECIAL

#### MECHANICAL (General)

Only if oil mist exceeds TLV

OTHER

### PROTECTIVE GLOVES

Plastic or Rubber Gloves recommended

### EYE PROTECTION

Safety glasses recommended.

### OTHER PROTECTIVE EQUIPMENT

## SECTION IX - SPECIAL PRECAUTIONS

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not store near heat, open flame, or other sources of ignition.

### OTHER PRECAUTIONS

PAL- (2)  
CFO 930.540

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